

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: July 14, 2003
For Week Ending: July 13, 2003
ND-CW2803

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Crop condition ratings for most crops declined from the previous week due to hot, dry weather in the southwest and wet weather in the northeast, central and eastern part of the state, according to the North Dakota Agricultural Statistics Service. Recent rains have caused an increased chance of disease in small grain crops with reports of lodging occurring also. Problems from grasshoppers and alfalfa weevils were reported in the west. The southwest is in need of a good general rain as crops are showing stress from a lack of moisture. A statewide average of 5.7 days were suitable for fieldwork.

Statewide average topsoil moisture supplies on July 13 were rated 5 percent very short, 14 short, 68 adequate and 13 surplus compared to 21 percent very short, 25 short, 50 adequate and 4 surplus last year.

Crops: Hot, dry weather late in the week continued to push small grain crop development ahead of last year and the five-year (1998-2002) average. The hard red spring wheat crop was 43 percent milk and beyond, compared to 24 percent the previous week and the average of 35 percent. Durum wheat was 23 percent milk and beyond, ahead of last year and the average. Barley and oats were 50 and 44 percent milk and beyond, respectively, ahead of last year and the average.

Small grain condition ratings continue to be better than last year's drought affected ratings, but overall, declined from the previous week. Hard red spring wheat condition ratings as of July 13 were 2 percent very poor, 3 poor, 16 fair, 57 good and 22 excellent compared to 13 percent very poor, 15 poor, 34 fair, 33 good and 5 excellent last year. Durum wheat condition ratings were 1 percent very poor, 2 poor, 20 fair, 71 good and 6 excellent compared to 5 percent very poor, 7 poor, 36 fair, 48 good and 4 excellent last year.

Development of most late season and oilseed crops remain ahead of last year and the average. Sixty-four percent of the flaxseed and 91 percent of the canola were blooming and beyond, ahead of the average. Twenty-eight percent of the soybean crop was blooming, ahead of the average. Dry edible beans were 23 percent blooming and beyond, compared to 26 percent last year and 30 percent average.

Crop condition ratings for most late season and oilseed crops declined slightly during the week. Corn was rated 77 percent good to excellent, down slightly from last week, but up from 47 percent good to excellent last year. Soybeans were rated 80 percent good to excellent, down from last week, but up from 54 percent good to excellent last year. The potato crop condition was rated 0 percent very poor, 1 poor, 13 fair, 65 good and 21 excellent, down from last week but up from 52 percent good to excellent last year.

Livestock: Pastures in the southwest and south central have deteriorated the last two weeks due to the hot, dry conditions. Pasture conditions were rated 63 percent good to excellent, down from 66 percent good to excellent last week, but better than last year's 13 percent good to excellent rating. Stockwater supplies were rated 3 percent very short, 8 short, 84 adequate and 5 surplus compared to 17 percent very short, 18 short, 64 adequate and 1 surplus last year. First cutting alfalfa was 91 percent complete, ahead of last year's 84 percent complete, despite rain showers in parts of the state that made haying difficult. Harvesting of other hay was 62 percent complete compared to 41 percent complete last year. The hay crop was rated 65 percent good to excellent compared to 7 percent good to excellent last year.

Crop Development Progress ^{1/}
July 13, 2003 with Comparisons

Crop	This Week	Last Week	Last Year	1998-02 Avg.
(Percent)				
BARLEY				
Boot	94	85	92	88
Headed	83	65	74	72
Milk	50	26	38	37
Turning	16	NA	11	9
DURUM WHEAT				
Jointing	90	85	94	91
Boot	74	54	66	70
Headed	55	27	39	45
Milk	23	6	15	13
Turning	2	NA	3	2
HRS WHEAT				
Boot	91	82	89	87
Headed	78	62	75	73
Milk	43	24	38	35
Turning	6	NA	13	7
OATS				
Boot	95	85	89	87
Headed	80	61	76	73
Milk	44	29	41	39
Turning	11	NA	14	8
CANOLA				
Blooming	91	71	90	89
Turning	6	NA	5	5
CORN				
Tasseling	4	1	4	10
DRY EDIBLE BEANS				
Blooming	23	9	26	30
FLAXSEED				
Blooming	64	44	61	58
POTATOES				
Blooming	71	47	42	51
Rows Filled	45	29	37	44
SOYBEANS				
Blooming	28	6	29	24
Podding	3	NA	5	4
SUNFLOWER				
Blooming	1	1	1	1

^{1/} Crop development percents represent all acreage in or beyond each stage.

Crop and Pasture Condition
Week Ending July 13, 2003

Crop	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Barley	1	2	12	63	22
Durum Wheat	1	2	20	71	6
HRS Wheat	2	3	16	57	22
Oats	1	4	20	62	13
Canola	1	2	15	60	22
Corn, All	2	4	17	56	21
Dry Edible Beans	0	5	17	59	19
Flaxseed	1	3	18	64	14
Potatoes	0	1	13	65	21
Soybeans	2	4	14	55	25
Sugarbeets	0	0	10	57	33
Sunflowers	1	2	20	59	18
Hay	1	6	28	52	13
Pasture and Range	2	7	28	50	13

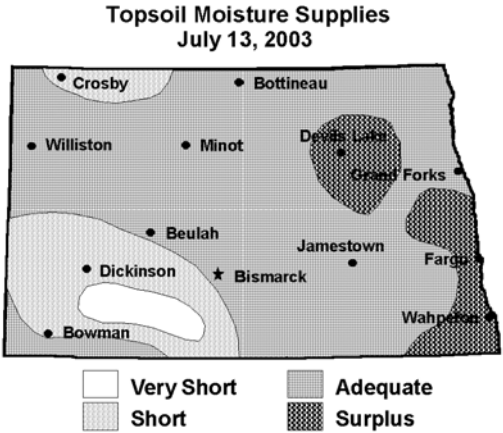
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending July 13, 2003

Soil Moisture: North Dakota, July 13, 2003

Date	V. Short	Short	Adq.	Surplus
(Percent)				
TOPSOIL				
This Week	5	14	68	13
Last Week	3	13	71	13
Last Year	21	25	50	4
98-02 Avg	5	13	72	10
SUBSOIL				
This Week	5	16	67	12
Last Week	3	14	71	12
Last Year	19	26	50	5
98-02 Avg	5	13	71	11



Weather: A chilly start to the week and overnight lows dipping into the low 40s in some areas kept the state's average temperature well below average for this time of year. Average temperatures were in the 60s as a result of very cool overnight temperatures. As the week progressed the high temperatures increased, although not as warm as the previous week. Maximum highs ranged from just 75 degrees in Jamestown to a whopping 90 in Bowman and Dickinson. Much of the state experienced maximum highs in the 80s.

Much needed rainfall for the west did not appear this past week. Many areas are falling further behind for precipitation this time of year. Rainfall amounts for the week by divisions are as follows: northwest ranging from 0.05 in Mohall to 0.98 of an inch in Williston, north central with 0.01 in Bottineau to 0.89 of an inch in Towner, northeast receiving 0.30 in Cavalier to 0.80 of an inch in Forest River, west central with 0.55 in Hazen to 1.31 inches in Turtle Lake, central ranging from 0.01 of an inch in Harvey to 1.70 inches in Carrington, east central with 0.91of an inch at Dazey to 1.21 inches in Fargo, southwest reporting 0.10 in Bowman to 0.36 of an inch in Beach, south central 0.11 in Mandan to 0.19 of an inch in Linton, and southeast ranging from 0.38 in Wyndmere to 0.53 of an inch in Oakes. Areas still below average for precipitation include the northwest, north central, Forest River (0.15 of an inch below), Langdon, St. Thomas, Hazen, Watford City, southwest, except Beach, and Linton.

Outlook, July 14-20: Summer-like weather to continue this week with highs mainly in the 80s statewide including a few isolated 90s out west. Expect a slow start to the week with temperatures ranging from the upper 70s in the northwest to the mid-80s further south and low 80s east. Tuesday through Thursday will usher in 80s for much of the state and 90s in a few locations. Western North Dakota looks to be fairly warm by mid- to-late week with temperatures steady in the low 90s with the possibility of mid-to-upper 90s the further into the week we get. The weekend temperatures will stay in the 80s statewide.

Don't expect too much by way of precipitation this week. There is a chance for a thunderstorm Monday night in the east with the next chance for precipitation coming Wednesday for western, central and south central portions of the state. South central and central portions of the state have a chance for precipitation Thursday as well as portions of the east. Expect dry conditions Friday through Sunday. Overall precipitation totals for the week could range from 0.01 to 0.10 of an inch in south central and central portions of the state to 0.10 to 0.24 of an inch in the east.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending July 12, 2003

District Averages	Average Temperature		Seasonal Precipitation Beginning March 29		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F)			(Inches)		
Northwest (1)	64	-5	0.56	5.85	-1.72
N. Central (2)	63	-6	0.34	5.85	-2.44
Northeast (3)	64	-6	0.52	8.15	0.16
W. Central (4)	66	-5	0.86	7.44	-1.08
Central (5)	64	-7	0.59	10.32	1.74
E. Central (6)	66	-5	1.09	10.40	1.70
Southwest (7)	68	-2	0.22	6.37	-2.20
S. Central (8)	67	-5	0.15	8.07	0.02
Southeast (9)	68	-4	0.44	12.26	3.54

^{1/} Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending July 12, 2003

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning March 29		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F)			(Inches)		
(1) Bowbells	85	43	0.16	4.29	-3.26
Williston	89	45	0.98	6.16	-0.41
Mohall	82	43	0.05	6.50	-1.37
Minot	82	45	0.65	6.46	-1.82
(2) Baker	79	50	0.12	6.51	-2.99
Bottineau	83	40	0.01	4.84	-3.23
Towner	84	41	0.89	6.20	-1.11
(3) Cando	80	45	0.72	8.01	0.14
Cavalier	83	45	0.30	8.43	0.11
Forest River	82	48	0.80	8.07	-0.15
Grand Forks	82	49	0.58	9.11	1.42
Langdon	79	45	0.48	7.33	-0.30
St. Thomas	81	46	0.26	7.92	-0.30
(4) Hazen	87	45	0.55	7.70	-1.26
Turtle Lake	82	49	1.31	9.00	0.28
Watford City	88	45	0.73	5.63	-2.26
(5) Carrington	80	48	1.70	9.40	0.93
Harvey	80	49	0.01	9.85	1.32
Jamestown	75	48	0.46	12.66	4.55
Robinson	80	51	0.77	9.65	1.08
Streeter	79	49	0.02	10.02	0.84
(6) Dazey	80	50	0.91	10.18	1.13
Fargo	81	55	1.21	10.26	2.00
Hillsboro	80	50	1.15	10.76	1.98
(7) Beach	88	50	0.36	7.96	0.33
Bowman	90	48	0.10	5.74	-2.85
Dickinson	90	46	0.28	6.27	-2.57
Hettinger	89	45	0.13	5.49	-3.73
(8) Mandan	85	50	0.11	8.12	0.63
Linton	83	50	0.19	8.02	-0.58
(9) Edgeley	82	52	0.42	12.19	3.01
Oakes	82	54	0.53	12.57	4.07
Wyndmere	82	56	0.38	12.02	3.42

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